Pinnacle

1952

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The Apprentice School,

Newport News Shipbuilding

and Dry Dock Company

Newport News Virginia,

Take Great Pleasure in

Presenting Their . . .

NEWPORT NEWS SHIPBUILDING AND DRY DOCK COMPANY
APPRENTICE SCHOOL

1952

BINNACLE

ELMER B. GIVINS
Apprentice Instructor
1919-1949

DEDICATION

Who was born in Craig County, Virginia, July 13, 1884. His retirement from active service as a member of the Apprentice School faculty was effective July 31, 1949, after a continuous service record with our Company dating from July 15, 1918.

We consider it a privilege and an honor to dedicate this eighth volume of The Binnacle in sincere appreciation and gratitude for his guidance and friendship through the years.

Introduction

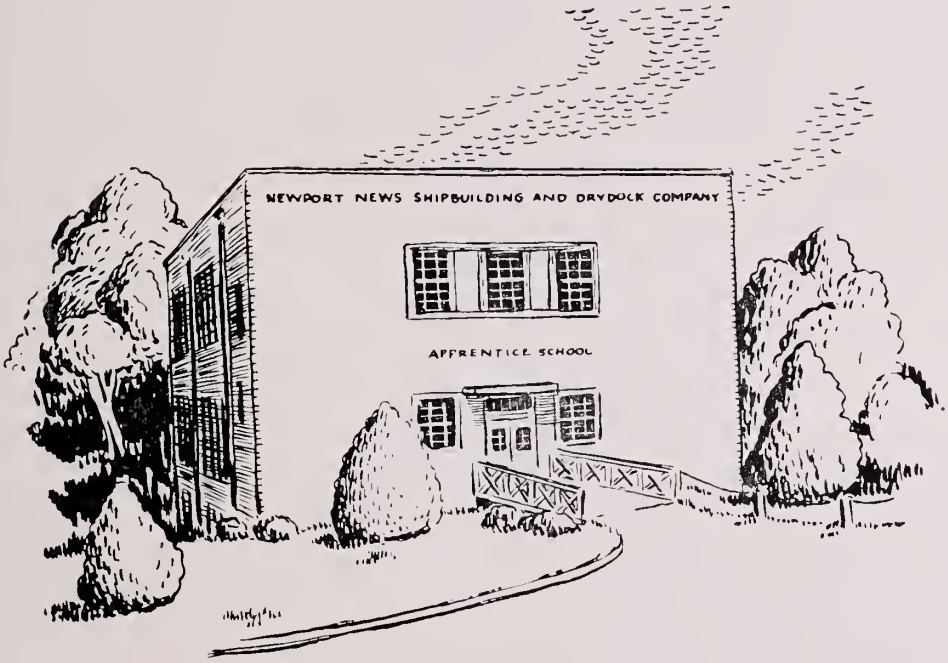
This, the 1952 BINNACLE, is presented by the staff with congratulations and friendliness. Congratulations to you, the graduating class, and a feeling of warmth and friendliness to all the rest.

As you have no doubt already noticed, this issue of the BINNACLE makes a departure from the precedent set by previous issues, as far as size is concerned. This is due to circumstances over which the staff has no control.

It is the desire of the staff that, despite its difference in appearance, the book will serve fully as well as past issues of the BINNACLE in fulfilling its designed purpose, namely to serve as a record of your activities in this year of 1952, and in the more distant future to recall to your memory those pleasant days, and dear friends, of your Apprenticeship.

If the BINNACLE is the source of any pleasure to its viewers, it will have served its basic purpose. If it is instrumental, in any way, in the development of interest in student activities and the Apprentice School, it will have served gallantly above and beyond the call of duty and the staff will consider its work more than worthwhile.

We sincerely hope that you enjoy this—your 1952 BINNACLE.



ADMINISTRATION

Board of Directors of our Company as they met in the office of John B. Woodward, Jr., President. Left to right: John B. Woodward, Jr., Roger Williams, Emory S. Land, Samuel L. Slover, Homer L. Ferguson, Chairman, Francis F. Randolph, and William E. Blewett, Jr. Missing from picture: Charles Francis Adams and H. Donald Campbell.

Administration

FAIRMOUNT R. WHITE
Director of
Education and Training

The Administration of the Apprentice School is based on the idea that it is important to the Company, the Individual, the Community, and the Nation that there be skilled workmen performing the tasks so vital to the well-being of all involved. Skilled craftsmen don't just happen. They have to be trained. That is where the Apprentice School fits in.

There was a time when what little "training" a young man could obtain was acquired by looking over the shoulder of a skilled mechanic, for whom he ran errands and performed many menial and distasteful tasks. Of course, that is how the mechanic learned and in time (a matter of many years) the Apprentice would learn too.

The other way was to permit the trainee to practice the craft under trained supervision. The program was set up in three basic steps—(1) present the idea, (2) permit the trainee to accomplish the idea, (3) correct whatever faults remained.

It soon became evident that this method was not the most satisfactory since it consumed a great deal more time and was actually less effective than another.

Having set up this basic program, it was deemed desirable, if not necessary, to supplement it with training for leadership and good citizenship. Around these fundamentals was built the Apprentice School by the foresight and dreams of many faithful and hard working men.

The people pictured on these pages are those appointed to see that the ideas and ideals developed by those men of vision are carried out, and the graduating Apprentice is, in part, their product also.

SAMUEL A. HICKEY
Assistant Director of
Education and Training

JACK C. SMITH and
LUTHER H. FLOWERS
Staff Supervisors

GLENNA THOMPSON
Secretary

JANE DIBBLE
Registrar

Academic Faculty

JOHN J. CARVIL — ENGINEERING DRAWING
Apprentice School of the Newport News Shipbuilding and Dry Dock Company — 1916; Johns Hopkins University.

MAYO M. CLARKSON — HULL DRAFTING
Apprentice School of the Newport News Shipbuilding and Dry Dock Company — 1950.

LUTHER H. FLOWERS — SUPERVISION
Apprentice School of the Newport News Shipbuilding and Dry Dock Company — 1930.

PAUL B. GIVENS — MATHEMATICS
B.S., Virginia Polytechnic Institute; Lynchburg College.

WILLIAM HELTZEL — MATHEMATICS
B.S., College of William and Mary; M.S., Brown University.

O. REID HUDSON, JR. — MACHINERY DRAFTING
Apprentice School of the Newport News Shipbuilding and Dry Dock Company — 1940.

CHARLES R. LAMM — HULL DRAFTING
Apprentice School of the Newport News Shipbuilding and Dry Dock Company — 1950.

G. G. POLETIKA — MECHANICAL ENGINEERING
B.S., in E. E., St. Petersburg Polytechnic Institute, Russia.

CARL NORWOOD ROBESON — ARTS
B.A., Carnegie Institute of Technology; Emory University.

JOE D. SMITH — NAVAL ARCHITECTURE
Apprentice School of the Newport News Shipbuilding and Dry Dock Company — 1938.

D. BOYD THOMAS — MATHEMATICS
B.S., M.S., North Carolina State College; Duke University; University of Michigan.

FAIRMOUNT R. WHITE — ARTS
A.B., College of William and Mary; American University at Beaune, France.

T. B. Baird, Machinists; F. J. Brown, Jr., Electricians; D. L. Carmines, Sheet Metal; M. Christie, Machinery Installation; M. R. Cutchens, Pipefitters; S. Davis, Machinists; C. C. Donegan, Pipefitters; J. G. Foretich, Patternmakers; F. B. Gall, Ship Carpenters; G. G. Givens, Electricians; C. L. Griffith, Machinists; W. K. Hunt, Jr., Foundry; F. L. Johnson, Machinery Installation; L. B. Jones, Sheet Metal; A. J. Madsen, Machinists; A. C. Marshall, Machinists; J. McBride, Machinists; H. J. McCarthy, Pipefitters; W. E. Michie, Shipwrights; J. W. Murden, Machinists; A. L. Poindexter, Machinists; O. E. Schade, Machinists; F. L. Stokes, Machinery Installation; J. E. Torok, Coppersmiths; C. H. Waters, Shipfitters.

Vocational Faculty

Typical shot of apprentice sheet-metal man planning a layout.

Faculty

On these pages you see pictured those gentlemen who present to the Apprentice the knowledge and craftsmanship which are essential in the development of a skilled artisan. While the above is the most evident contribution they make toward producing a first-rate mechanic, it is not the only one by any means, for it is they who are greatly instrumental in molding the Apprentice's character. Through their understanding and interest, a newly registered Apprentice is soon well on his way toward that final goal, graduation, and as time for graduation draws near, he anticipates the occasion with faith in himself and his ability. Whatever undertakings he may become a part of, you may be sure that the training received at the hands of the Apprentice School Faculty will stand him in good stead and make him a citizen his community can be proud of.

The BINNACLE salutes the Apprentice's first friends.

A Math class trying to concentrate while having their photo taken.

Student Board of Directors

The Student Body is governed by a Board of Directors chosen from among the entire student body.

The plan which has thus been worked out is:

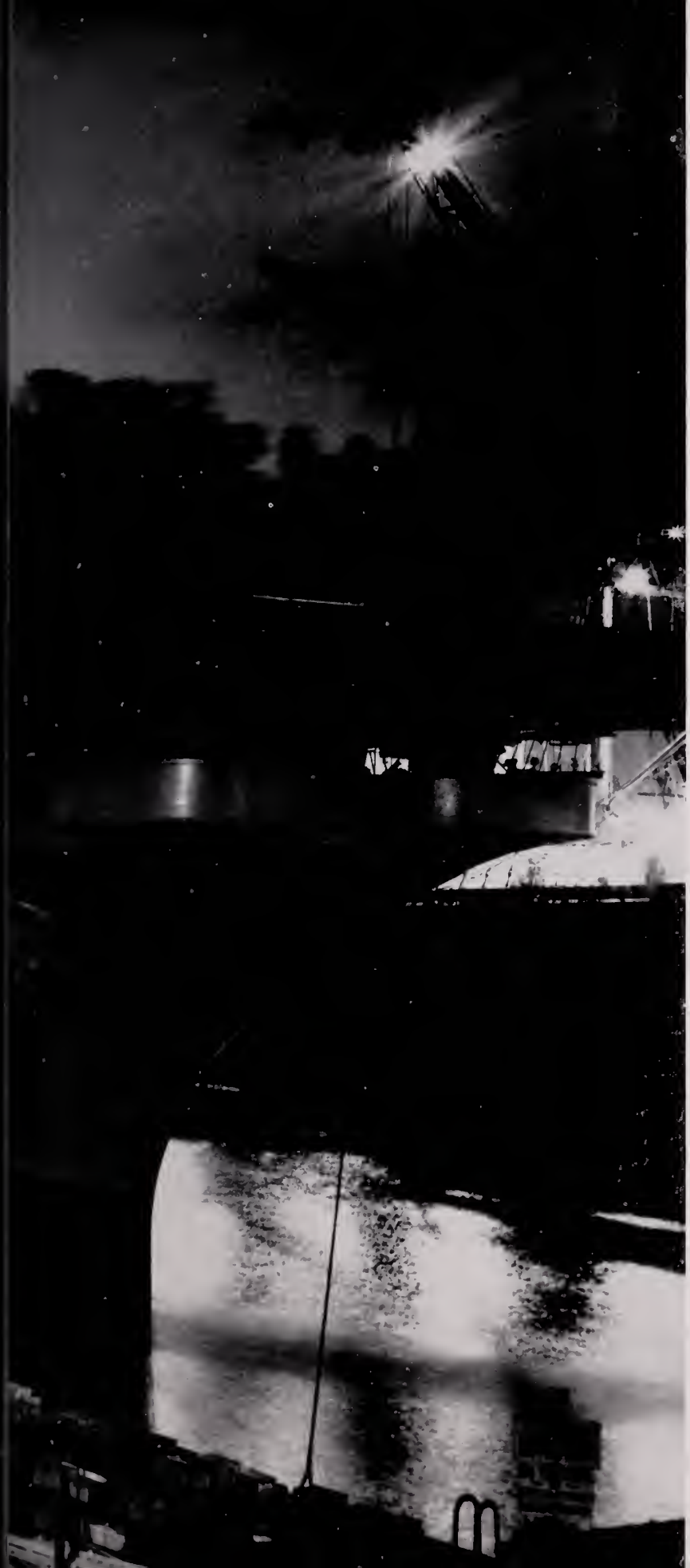
Each department having any apprentice has at least one representative on this board. For each ten men or a fraction of ten men in any department, one man is seated on the Board of Directors.

Meetings are presided over by the president of the student body. These meetings are held in the auditorium, usually immediately after working hours.

The main purpose of the Student Board of Directors is to promote harmony among students assigned to various departments throughout the Yard, by assisting in the organization and establishment of all clubs, associations, and societies within the school.

The Student Board of Directors also transacts all other business of general interest to students not otherwise provided for.

Left to right at table: L. W. Stancil, Jr., E. B. Bright, N. A. Barnes. *First row, left to right:* H. C. Griggs, W. S. Pendleton, M. A. Smith, Ray Waldroupe, H. E. Willey, R. A. Rassman. *Second row:* J. C. Belote, T. W. Parker, D. L. Godfrey, B. A. Clark, C. R. Thomas, W. A. Taylor. *Third row:* P. E. Stergin, B. E. Francis, C. E. Kelly, T. L. Markham, D. A. Yeatts, J. H. Wagner. *Fourth row:* W. R. Cree, C. L. Blinson, D. L. Barrick, W. C. Tison, L. D. Riley.



STUDENT BODY

THE SENIORS

LAWRENCE CHANNING ARMSTRONG

Hot Springs, Virginia

Departments: Entered Apprentice Gallery April 13, 1948; transferred to Piping Drawing Room February 28, 1949; Machinery Installation September 26, 1949; Production Staff Office March 26, 1951, and graduated as Pipefitter May 8, 1952.

Activities: Student Board of Directors, '50, Vice President, '51; Class Vice President, '50, '51; Charles F. Bailey Award, '50, '51.

LAWRENCE BERNARD AUGUST, JR.

Newport News, Virginia

Departments: Entered Apprentice Gallery July 28, 1947; transferred to Machine Shop March 8, 1948; Piping Drawing Room January 1, 1951, and graduated as Piping Draftsman October 17, 1952.

Activities: Student Board of Directors, '50; Golf, '48; Athletic Award, Golf, 1952.

GEORGE RAYMOND BARBER

Newport News, Virginia

Departments: Entered Apprentice Gallery July 14, 1947; transferred to Hull Drafting Room July 12, 1948; X10 Superintendent's Office May 2, 1949; Mold Loft September 6, 1949; Hull Drafting Room October 31, 1949, and graduated as Hull Draftsman August 14, 1952.

Activities: BINNACLE Staff, Football, House League Basketball.

ROBERT GORDON BARRON

Richmond, Virginia

Departments: Entered Boilermakers July 26, 1948, and graduated as Boilermaker September 12, 1952.

Activities: Student Board of Directors, '50.

CLASS OF 1952

EDWARD BASTA

Hornsbyville, Virginia

Departments: Entered Joiners February 6, 1948; transferred to X30 Superintendent's Office January 14, 1952, and graduated as Joiner March 3, 1952.

Activities: Baseball, '49.

ROBERT PAUL BELFORD, JR.

Yorktown, Virginia

Departments: Entered Electricians December 17, 1948; and graduated as Electrician December 31, 1952.

VANCE ORPHEUS BRIGHT, JR.

Hickory, North Carolina

Departments: Entered Apprentice Gallery July 14, 1947; transferred to Machine Shop April 26, 1948; Hull Drafting July 12, 1948; X10 Superintendent's Office May 2, 1949; Shipfitters July 5, 1949; Mold Loft September 6, 1949; Hull Drafting October 31, 1949, and graduated as Hull Draftsman July 16, 1952.

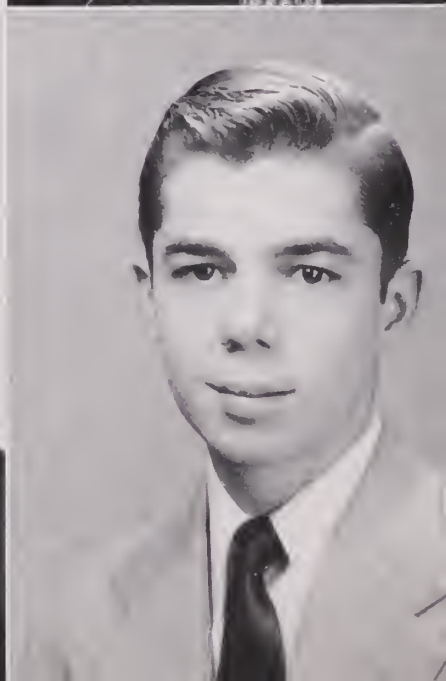
Activities: Glee Club, '47, '49; Class President, '49, '50, '51, '52; BINNACLE, Feature Editor, '49, Editor-in-Chief, '50, Student Advisor and Layout Editor, '51, Staff, '52; Broad "A", '50, '51; Selected most outstanding Apprentice in Virginia by National Association of Manufacturers, '51; Charles F. Bailey Award, '48, '49, '50; Journalism Award, '52.

RICHARD LAMARR COLLIER

Rome, Georgia

Departments: Entered Electricians August 30, 1948, and graduated as Electricians December 5, 1952.

Activities: Football, '51; Track, '50; House League Basketball, '49, '50, '51, Secretary, '52.



THE SENIORS

BARTHOLOMEW FREDERICK CONLON, JR.

Miller School, Virginia

Departments: Entered Apprentice Gallery September 13, 1948; transferred to Machine Shop March 21, 1949; Hull Drafting January 29, 1951; Brass Gallery August 13, 1951, and graduated as Machinist December 26, 1952.

Activities: Student Board of Directors, '51; Football, '50, '51; Athletic Award, Football, '52.

EDWARD ROY COOPER

Newport News, Virginia

Departments: Entered Pattern Shop February 3, 1948; transferred to Piping Drafting January 1, 1951; Pattern Shop February 5, 1951, and graduated as Patternmaker April 17, 1952.

Activities: Basketball, '48, '49, '50, '51; Football, '48, '49; Track, '48, '49, '50, '51; Baseball, '49, '50; Monogram Club, '48, '49, '50, '51; Athletic Award, Basketball, '52.

WILLIAM CARLTON COPPERSMITH

Warwick, Virginia

Departments: Entered Apprentice Gallery May 5, 1947; transferred to Piping Drafting July 19, 1948; Machinery Installation January 31, 1949; Sheet Metal May 9, 1949; Piping Drafting July 5, 1949, and graduated as Piping Draftsman May 9, 1952.

Activities: Student Board of Directors, '49, '50; House League Basketball, '50, '51; Softball, '50, '51; Cotillion Club, '50, Secretary, '51; Class Vice President, '52.

THOMAS STILSON CRITTENDEN

Deltaville, Virginia

Departmentss Entered Apprentice Gallery August 2, 1948; transferred to Machine Shop February 3, 1949, and graduated as Machinist September 24, 1952.

Activities: Student Board of Directors, '50; Softball, '49; House League Basketball, '50, '51; Baseball, '50, '51, '52; Monogram Club, '51, 52.

CLASS OF 1952

LAWRENCE FULTON CROCKETT

Hampton, Virginia

Departments: Entered Apprentice Gallery July 9, 1947; transferred to Machine Shop January 12, 1948; Machinery Drafting July 19, 1948; Sheet Metal February 21, 1949; Machinery Installation May 2, 1949; Machinery Drafting October 3, 1949, and graduated as Machinery Draftsman August 22, 1952.

Activities: Class Treasurer, '50, '51, '52; Football, '47, '48, '49, '50, '51; Track, '48, '50; Monogram Club, '48, '49, '50, '51, '52; Athletic Award, Football, '52; Selected as Outstanding Linesman by Peninsula Sports Club, '51.

HOMER CARL CUDDY

Bristol, Virginia

Departments: Entered Shipwrights July 26, 1948; transferred to Mold Loft August 6, 1951; Shipwrights November 19, 1951, and graduated as Shipwright November 24, 1952.

Activities: Student Board of Directors, '50; Baseball ,'49, '50, '51; Football, '50, '51, '52; Basketball, '50, '51; Monogram Club, '50, '51, '52; Athletic Award, Football, '52; Niels Christiansen Award—Steel Hull Division, '52.

CLAUDE HAROLD DALE, JR.

Homeville, Virginia

Departments: Entered Pipe Department July 26, 1948, and graduated as Coppersmith October 20, 1952.

Activities: Student Board of Directors, '48, '50, '52.

WILLIAM EARL DRUMMOND

Hampton, Virginia

Departments: Entered Shipfitters February 23, 1948, and graduated as Shipfitter May 8, 1952.

THE SENIORS

JOHN WOODSON DUNN, III

Williamsburg, Virginia

Departments: Entered Apprentice Gallery February 6, 1948; transferred to Machine Shop February 8, 1949, and graduated as Machinist June 19, 1952.

Activities: Baseball, '49, '50, '51, '52; Softball, '50; House League Basketball, '50; Monogram Club, '49, '50, '51, '52; Athletic Award, Baseball, '52.

JAMES ALFRED ENGLAND

Newport News, Virginia

Departments: Entered Boiler Shop September 13, 1948, and graduated as Boilermaker September 12, 1952.

Activities: Student Board of Directors, '49; House League Basketball, '48, '49, '51; Niels Christiansen Award—Machine Shops Divison, '52; Homer L. Ferguson Award, '52.

CHARLES EDWARD FOLEY

Kimball, Virginia

Departments: Entered Apprentice Gallery August 25, 1947; transferred to Machine Shop March 8, 1948; Machinery Drafting July 19, 1948; Pipe Department January 31, 1949; Machinery Drafting June 27, 1949, and graduated as Machinery Draftsman September 15, 1952.

Activities: BINNACLE, '51.

ELWOOD DENNISON FLYTHE

Warwick, Virginia

Departments: Entered Apprentice Gallery October 20, 1947; transferred to Machine Shop November 1, 1948; Piping Drafting January 1, 1951, and graduated as Piping Draftsman December 31, 1952.

Activities: Student Board of Directors, Publicity Chairman, '51.

CLASS OF 1952

JAMES WADE GRUBB

Newport News, Virginia

Departments: Entered Painters August 30, 1948, and graduated as Painter November 3, 1952.

Activities: Baseball, '49, '50, '51; Monogram Club, '49, '50, '51, '52; Athletic Award, Baseball, '52.

PATRIC HARTWIG GWYN

Naxera, Virginia

Departments: Entered Apprentice Gallery September 7, 1948; transferred to Machinery Installation September 25, 1950, and graduated as Machinist October 17, 1952.

Activities: Baseball, '49, '50, '51, '52; Monogram Club, '49, '50, '51, '52; Athletic Award, Baseball, '52.

JAMES BURLEIGH HARWOOD, III

Hampton, Virginia

Departments: Entered Apprentice Gallery June 25, 1947; transferred to Pipe Department March 8, 1948; Hull Drafting July 12, 1948; X10 Superintendent's Office February 28, 1949; Shipfitters May 2, 1949; Mold Loft July 5, 1949; Shipwrights September 6, 1949; Hull Drafting October 31, 1949; and graduated as Hull Draftsman June 27, 1952.

Activities: Football, '47, '48, '49, '50, '51; Track, '48, '49, '50; Monogram Club, '49; Athletic Award, Football, '52.

VIVIEN ANSELL HAWKINS

Luray, Virginia

Departments: Entered Pattern Shop April 8, 1947; transferred to Hull Drafting July 12, 1948; X10 Superintendent's Office February 28, 1949; Shipfitters May 2, 1949; Mold Loft July 5, 1949; Shipwrights September 6, 1949; Hull Drafting October 31, 1949, and graduated as Hull Draftsman May 14, 1952.

Activities: Glee Club, '47; Class Treasurer, '49; Broad "A", Business Manager, '48, Faculty and Trades, '49, '50; BINNACLE, '48, '49, Class Editor, '50; Niels Christiansen Award—Hull Drafting Division, '52; Journalism Award, '52.

THE SENIORS

JOHN HURMAN

Newport News, Virginia

Departments: Entered Apprentice Gallery September 20, 1948; transferred to Machinery Installation August 14, 1950, and graduated as Machinist December 31, 1952.

JOHN HILDREY INSLEY, JR.

Messick, Virginia

Departments: Entered Shipfitters August 12, 1947; transferred to Mold Loft July 26, 1948; Piping Drafting January 1, 1951, and graduated as Piping Draftsman September 30, 1952.

LONNIE RAY JENNINGS, JR.

Elizabeth City, North Carolina

Departments: Entered Electricians October 18, 1948; transferred to Hydraulic Drafting January 29, 1951; Electricians May 14, 1951, and graduated as Electrician December 4, 1952.

Activities: Cotillion Club, '51; Track, '51, '52.

HILTON RANDOLPH JONES

Ahoskie, North Carolina

Departments: Entered Forging and Heat Treating Department August 23, 1948, and Graduated as Forgesmith August 22, 1952.

Activities: Student Board of Directors, '51, '52; Football, '48, '49, '50, '51; Monogram Club, '50, '51; Athletic Award, Football, '52.

CLASS OF 1952

THOMAS ELROY KERSEY

Newport News, Virginia

Departments: Entered Apprentice Gallery February 23, 1948; transferred to Machine Shop December 6, 1948; Repair Machine Shop February 26, 1951, and graduated as Machinist May 21, 1952.

Activities: Football, '49, '50, '51, '52; Track, '48, '49, '50; House League Basketball, '49; Monogram Club, '49, '50; Athletic Award, Football, '52.

JACK LOUIE LIBERTY, JR.

Hampton, Virginia

Departments: Entered Pattern Shop June 28, 1948, and graduated as Patternmaker November 10, 1952.

Activities: Basketball, '48, '49, '50, '51; Football, '51, '52; Track, '49, '50; Monogram Club, '49, '50, '51; Vice President, '52; Niels Christiansen Award—Foundry Division, '52; Athletic Award, Basketball, '52.

THOMAS MOODY MAYO, JR.

Newport News, Virginia

Departments: Entered Electricians July 14, 1947; transferred to Electrical Drafting October 18, 1948; Electricians September 6, 1949; Electrical Drafting January 1, 1951, and graduated as Electrical Draftsman October 27, 1952.

Activities: Cotillion Club, '47; Niels Christiansen Award—Machinery Drafting Divsion, '52.

JESSE MAHLEN MELSON

Hampton, Virginia

Departments: Entered Sheet Metal Department July 19, 1948, and graduated as Sheet Metal Worker July 18, 1952.

Activities: Niels Christiansen Award—Hull Outfitting Division, '52.

THE SENIORS

NORMAN McLEOD MILLAR, JR.

Warwick, Virginia

Departments: Entered Apprentice Gallery September 20, 1948; transferred to Shipfitters October 17, 1949; Painters May 15, 1950, and graduated as Painter December 31, 1952.

Activities: Student Board of Directors, '50.

CHARLES EDWARD MILLER

Warwick, Virginia

Departments: Entered Apprentice Gallery July 14; 1947; transferred to Pipe Department March 8, 1948; Machinery Installation August 29, 1949; Piping Drafting January 1, 1951; and graduated as Piping Draftsman September 3, 1952.

Activities: Cotillion Club, Student Board of Directors, '49.

JAMES MARVIN MOORE

Hopewell, Virginia

Departments: Entered Apprentice Gallery January 12, 1948; transferred to Pipe Department October 4, 1948; Machinery Installation August 29, 1949; Apprentice Gallery April 2, 1951; Machinery Installation September 3, 1951, and graduated as Machinist January 30, 1952.

Activities: Student Board of Directors, '51; Football, '51.

MILTON FRANKLIN MOORE

Richmond, Virginia

Departments: Entered Apprentice Gallery January 12, 1948; transferred to Machine Shop July 19, 1948; Forging and Heat Treating June 11, 1951, and graduated as Diesinker April 17, 1952.

Activities: Student Board of Directors, '51, '52.

CLASS OF 1952

CECIL GUS MYERS

Pennington Gap, Virginia

Departments: Entered Electricians November 16, 1948, and graduated as Electrician December 31, 1952.

Activities: Football, '49, '50, '51.

IRVIN PERRY NEWBILL

Newport News, Virginia

Departments: Entered Apprentice Gallery August 30, 1948; transferred to Machinery Installation August 14, 1950, and graduated as Machinist October 23, 1952.

Activities: Cotillion Club, '50, '51; Monogram Club, '50; Track, Assistant Manager, '49, '50. (Picture missing).

THOMAS TROY PALMER, JR.

Warwick, Virginia

Departments: Entered Apprentice Gallery September 20, 1948; transferred to Hull Fitting and Plant Department September 18, 1950, and graduated as Machinist December 19, 1952.

Activities: Football, '49, '50, '51, '52; Track, '51; Monogram Club, '50, '51, '52; Athletic Award, Football, '52.

WILLIAM ALBERT PERROT

Portsmouth, Virginia

Departments: Entered Apprentice Gallery February 5, 1948; transferred to Machine Shop September 27, 1948; Repair Machine Shop February 26, 1951, and graduated as Machinist February 15, 1952.

THE SENIORS

ROBERT PUGH PETERSON

Roseboro, North Carolina

Departments: Entered Sheet Metal Shop November 17, 1947; transferred to Piping Drafting January 1, 1951; Machinery Drafting October 1, 1951, and graduated as Machinery Draftsman December 25, 1952.

JOHN CARL PIAZZA

Warwick, Virginia

Departments: Entered Joiners September 22, 1947; transferred to Hull Drafting July 12, 1948; X10 Superintendent's Office August 6, 1951; Shipfitters October 1, 1951; Mold Loft December 3, 1951; Shipwrights February 4, 1952; X30 Superintendent's Office March 31, 1952; Hull Drafting October 6, 1952, and graduated as Hull Draftsman October 20, 1952.

Activities: Student Board of Directors, Secretary, '50, '51; Class Secretary, '50; Cheer Leader, '50; Wrestling, '48, '49; Monogram Club, '49; Cotillion Club, '50, '51; Broad "A", Art Work, '49; Athletic Award, Wrestling, '52.

AUBREY MACAULAY RAIFORD

Ivor, Virginia

Departments: Entered Apprentice Gallery March 29, 1948; transferred to Machine Shop November 15, 1948; Brass Gallery February 26, 1951, and graduated as Machinist May 12, 1952.

Activities: Softball, '49, 50.

WILLIAM ARTHUR RICH

Castalia, North Carolina

Departments: Entered Boiler Shop August 18, 1947, and graduated as Boilermaker October 3, 1952.

Activities: Baseball, '48, '50, '51, '52; Monogram Club, '50, '51, '52; House League Basketball, '49, '50, '51, '52; Athletic Award, Baseball, '52.

CLASS OF 1952

JESSE LEE RICKS

Portsmouth, Virginia

Departments: Entered Copper Shop October 25, 1948; transferred to Pipe Department August 29, 1949; Pipe Coverers October 31, 1949, and graduated as Asbestos Worker December 31, 1952.

Activities: Student Board of Directors, '50, '51; Track, '49, '50, '51, '52; Broad "A", '49; BINNACLE, '49, '50; Sports Editor, '51, '52; Journalism Award, '52; Athletic Award, Track, '52.

WILLIAM BRUCE SCOTT

Haddon Heights, New Jersey

Departments: Entered Apprentice Gallery November 5, 1947; transferred to Machine Shop June 28, 1948; Machinery Installation October 25, 1948; and graduated as Machinist February 29, 1952.

Activities: Niels Christiansen Award—Machinery Division, '52.

MARSHALL BOYD SHEPPARD

Bellamy, Virginia

Departments: Entered Electricians November 23, 1948, and graduated as Electrician November 28, 1952.

ANDREW FLOYD SMITH, JR.

South Norfolk, Virginia

Departments: Entered Apprentice Gallery August 18, 1947; transferred to Machine Shop March 23, 1948, and graduated as Machinist October 13, 1952.

Activities: Student Board of Directors, '48, '51, '52; BINNACLE, '48, '49; Class Secretary, '52.

THE SENIORS

GERALD CLAIR SNYDER

Mayport, Pennsylvania

Departments: Entered Foundry July 22, 1947; transferred to Machinery Drafting July 19, 1948; Machine Shop January 31, 1949; Pipe Department May 2, 1949; Machinery Drafting June 27, 1949, and graduated as Machinery Draftsman August 12, 1952.

Activities: Student Board of Directors, '48.

FRANK CONWAY SORRELL

Hampton, Virginia

Departments: Entered Joiners August 11, 1947; transferred to Hull Drafting July 12, 1948; X10 Superintendent's Office September 6, 1949; Hull Drafting October 31, 1949; Shipfitters August 6, 1951; Mold Loft October 1, 1951; Shipwrights December 3, 1951; X10 Supt. Office February 4, 1952, and graduated as Hull Draftsman August 28, 1952.

Activities: Baseball, '49, '50, '51, '52; House League Basketball, '47, '48, '49, '50, '51; Monogram Club, '49, '50, '51, '52; Athletic Award, Baseball, '52.

THEODORE EARL SPECHT

Hampton, Virginia

Departments: Entered Apprentice Gallery August 23, 1948; transferred to Machine Shop February 28, 1949, and graduated as Machinist November 6, 1952.

WILLIAM HAROLD SWORD

North Tazewell, Virginia

Departments: Entered Pipe Department July 12, 1948, and graduated as Pipefitters August 27, 1952.

Activities: Baseball, '49, '50, '51, '52; Football, '48, '49, '50; Monogram Club, '49, '50, '51, '52; Basketball J.V., '50; Athletic Award, Baseball, '52.

CLASS OF 1952

EDWARD LEWIS TILLMAN

Hampton, Virginia

Departments: Entered Boiler Shop November 3, 1948, and graduated as Boilermaker December 31, 1952.

MARION GRAYSON TILMAN

Newport News, Virginia

Departments: Entered Apprentice Gallery January 12, 1948; transferred to Machine Shop October 25, 1948; Hydraulic Drafting January 1, 1951; Machine Shop February 12, 1951, and graduated as Machinist March 12, 1952.

Activities: Student Board of Directors, '51.

CHARLES EDWARD WARD

Daytona Beach, Florida

Departments: Entered Apprentice Gallery August 25, 1947; transferred to Hull Drafting July 12, 1948; Shipwrights August 6, 1951; X10 Superintendent's Office October 1, 1951; Shipfitters December 3, 1951; X10 Superintendent's Office December 31, 1951, and graduated as Hull Draftsman December 2, 1952.

Activities: Glee Club, '47; Football, '50, '51; Wrestling, '48, '49; Athletic Award, Wrestling, '52.

LLOYD CHESTER WARE

Hampton, Virginia

Departments: Entered Apprentice Gallery July 14, 1947; transferred to Hull Drafting July 12, 1948; X10 Superintendent's Office July 5, 1949; Shipfitters September 6, 1949; Hull Drafting October 31, 1949, and graduated as Hull Draftsman September 11, 1952.

Activities: BINNACLE, '50; House League Basketball, '50; Football, '51; Basketball, '51.

THE SENIORS

WILLIAM DOYLE WATKINS

Durham, North Carolina

Departments: Entered Apprentice Gallery September 27, 1948; transferred to Boilermakers August 14, 1950; Hull Fitting and Plant Department January 2, 1951, and graduated as Machinist October 31, 1952.

Activities: Student Board of Directors, '51, '52; Football, '49, '50, '51, '52; Baseball, '50, '51, '52; House League Basketball; Monogram Club, '49, '50, '51, '52; Athletic Award, Football, '52.

JOHN WILLIAM WATSON

Hampton, Virginia

Departments: Entered Apprentice Gallery March 1, 1948; transferred to Brass Gallery November 8, 1948, and graduated as Machinist June 26, 1952.

Activities: Student Board of Directors, '51, '52; Track, '51, '52; Football, '51; Monogram Club, '51; Wrestling, '48; Athletic Award, Track, 52.

PHILLIP MARSHAM WEDDLE

Portsmouth, Virginia

Departments: Entered Sheet Metal Shop October 18, 1948; transferred to Hull Drafting December 18, 1950; Sheet Metal Shop January 1, 1951; X30 Superintendent's Office January 21, 1952, and graduated as Sheet Metal Worker November 7, 1952.

Activities: Baseball, '49, '50, '51; Athletic Award, Baseball, '52.

ROBERT LEMUEL WHEELER

Newport News, Virginia

Departments: Entered Electricians September 20, 1948, and graduated as Electrician December 31, 1952.

Activities: Basketball, '48, '50. (Picture missing).

CLASS OF 1952

BENJAMIN FRANCIS WINGFIELD

Hampton, Virginia

Departments: Entered Apprentice Gallery July 19, 1948; transferred to Machine Shop December 6, 1948, and graduated as Machinist September 5, 1952.

WENDELL GIBBS WORNOM

Poquoson, Virginia

Departments: Entered Sheet Metal Shop September 20, 1948, and graduated as Sheet Metal Worker September 22, 1952.

Activities: Student Board of Directors, '50, 51, '52.

CLASS OFFICERS—Treasurer, L. F. Crockett; President, V. O. Bright. *Missing from picture:* Vice President, C. C. Coppersmith, and Secretary, A. F. Smith.

THE CLASS

Left to right, first row: L. A. Shinn, J. R. Karns, G. L. Skinner, P. E. Wells, C. Johnson, M. E. Moore. *Second row:* K. G. Stultz, J. G. Lochstampfor, Jr., W. R. Peters, C. O. Parker, B. L. McClellan, J. L. Landis, Jr., R. F. Pierce, Jr., A. B. Elmore, C. S. Hill.

Missing from picture: P. F. Allen, Jr., L. T. Bar-

OF 1953

ber, L. E. Bassett, Jr., J. C. Belote, G. F. Bowden, C. J. Coates, Jr., P. G. Gresham, C. A. Hale, L. D. Harrison, H. L. Hoover, J. H. Johnson, J. G. Lemay, B. T. Leonard, Jr., F. G. Lewis, L. S. Mallory, Jr., R. V. Markham, W. B. Miffleton, Jr., E. F. Rookstool, C. L. Smith, G. E. Squires, L. W. Stancill, Jr., E. B. Teasley, R. E. Templeman, J. N. Trapp, B. C. Vinson, Jr., J. B. Violette, Jr., D. G. West, Jr., S. F. Wilbourn, and W. A. Wolfley.

THE CLASS

Left to right, first row: J. W. Reynolds, D. P. Seabolt, D. R. Dickinson, T. W. Parker, Jr., E. N. Bunts, Jr., R. L. Forrest. *Second row:* P. R. Kilmer, R. E. Owens, T. A. Bratton, L. C. Blasingame, J. A. Bush, Jr., C. R. Hughes, R. W. Carroll.

Missing from picture: J. P. Beck, Jr., H. S. Clark,

OF 1954

C. V. B. Cleary, Jr., D. L. Godfrey, J. A. Golub, W. E. Gratton, H. C. Griggs, W. H. Hogge, W. W. Hunter, Jr., B. Ivey, C. M. Joo, W. H. Lamkin, C. R. Lincoln, B. L. Matthews, J. E. Mayes, Jr., J. L. Parker, Jr., V. F. Parker, Jr., S. E. Peace, W. R. Phillips, Jr., H. C. Pirkey, Jr., W. A. Raines, E. A. Rawls, J. H. Wagner, J. T. Watson, Jr., F. A. Wolfe.

THE CLASS

Left to right, first row: M. W. Flynn, R. W. Giles, M. A. Smith, R. C. Armentrout, P. L. Sheek, F. C. Griscom, Jr., W. E. Kessinger. *Second row:* L. F. Kaserman, H. W. Myers, G. S. Tracy, E. A. Crisco, Jr., M. W. Blevins, P. E. Stergin, N. A. Barnes, Jr., R. L. Morrow, C. E. Perry, Jr., J. F. Current, L. E. Holloman. *Third row:* R. E. Wilkins, Jr., R. Waltroupe, E. B. Bright, T. A. Caldwell, H. G. McCoy, B. E. Francis, A. C. Burris, Jr., E. O. Wright, Jr., W. R. West, J. F. Robinson. *Fourth row:* W. H. Nixon, R. M. Hass, L. D. Riley, W. A. Taylor, Jr., H. D. Whitmore, B. E. Hargrave, Jr., A. M. Pignotti, D. L. Barrick, C. S. Roughton. *Fifth row:* B. A. Clark, J. T. Faris, Jr., H. Hinote, T. T. Markham, Jr., M. W. Parker, Jr., L. L. Meadows, R. L. Huff, J. R. Long, J. A. Washam, R. J. Whitley, V. A. Presley, W. E. Powell, J. W. Tarpley, Jr.*Missing from picture:* J. R. Adams, S. D. Allison, Jr., R. W. Armstrong, W. E. Armstrong, R. L. Austin, R. B. Bagguley, F. D. Bane, H. Barnes, Jr., W. T. Beacham, III, C. L. Blinson, Jr., R. G. Boyd, W. M. Bradshaw, G. B. Bridges, J. A. Brockwell, Jr., R. I. Brumback, O. B. Bucklen, R. E. Byrd, Jr., W. D. Caldwell, L. S. Callis, N. E. Coggsdale, J. R. Collins, J. D. Cowley, Jr., W. R. Cree, F. S. Crittenden, M. C. Davis, D. J. Diamandis, J. H.

OF 1955

Dickens, W. L. Draughn, W. S. Edwards, J. B. Ellis, R. L. Estes, G. E. Fenton, F. L. Foster, J. W. Geouge, K. W. Godsey, D. E. Ham, J. C. Hardison, E. R. Harrell, A. W. Hartberger, A. L. Harvey, Jr., W. F. Haskins, Jr., E. R. Haufler, M. L. Hoard, E. F. Hooks, E. R. Hudson, Jr., H. L. Hundley, Jr., C. L. Hurst, D. G. Hurst, C. E. Hutchens, M. C. Jernigan, W. R. Jessup, J. A. Johnston, Jr., R. C. Jones, Jr., C. E. Kelly, R. M. Kenly, R. M. Kennell, J. H. Lafferty, A. R. Leary, C. J. Lewis, H. S. Lewis, L. D. Lovelace, C. L. Manning, W. L. Marshall, C. R. McCormack, C. L. Mears, H. R. Mendenhall, J. C. Meredith, Jr., L. W. Miller, J. L. Murphy, J. P. Nesbitt, C. E. Opheim, P. C. Parker, T. R. Pauley, W. S. Pendleton, Jr., A. M. Phillips, T. L. Price, R. A. Rassman, Jr., J. F. Roudabush, R. M. Royston, F. F. Sanders, D. O. Sands, E. J. Seward, J. W. Shumate, B. E. Sides, J. F. Smith, B. E. Stallard, J. H. Stutts, W. L. Tarver, W. C. Tison, Jr., O. D. Trammel, R. D. Trout, B. L. Trump, J. K. Tucker, G. L. Van Schoick, H. D. Wallace, B. T. Watson, Jr., F. M. Watterson, R. C. Webb, E. W. Wessells, H. E. Willey, D. E. Williams, W. B. Wise, Jr., S. O. Wooster, Jr.

THE CLASS

Left to right, first row: J. M. Huskin, C. F. Ijames, F. L. Williams, J. C. Burrow, R. A. Phillips, T. E. Stephens, B. J. Minter, D. Danmore, J. W. Miller, J. P. Tapscott, H. H. Walker, L. F. Croswell, W. R. Bazzarre, D. A. Yeatts, L. L. Fisher, V. G. White. *Second row:* J. L. Mann, E. C. Strickler, J. W. Collins, J. A. Mabe, H. M. Aldridge, W. T. Latham, J. J. Wallace, R. L. Dame, R. S. Vincent, R. F. Smith, W. G. Chapman, Jr., R. L. Drake, R. E. Vick, R. D. McKinney, T. L. Markham, J. D. Harwood. *Third row:* P. J. Compton, W. G. Balderson, A. O. Porter, J. J. Birckhead, N. L. Ridout, C. E. Shields, M. S. Matthews, Jr., G. M. Harris, C. L. Aldridge, J. B. Strider, R. D. Hunnicutt, D. D. Kelly, B. W. Ayers, W. L. Opheim, O. D. Rowland, Jr. *Fourth row:* R. D. Miller, K. K. Plemmons, T. C. Morgan, E. L. Redmond, H. L. Moses, W. L. Bolton, G. H. Underwood, P. R. Williams, R. R. Pollock, C. L. Morris, C. P. Lockhart, G. E. Barter, Jr., L. E. Seymour, B. F. Castelow, R. S. Robinson. *Fifth row:* K. N. King, B. J. Hulin, W. M. Brice, Jr., F. A. Harrell, E. D. Sturgill, T. B. Sanders, P. R. Hemler, W. C. Nester, J. W. Brown, J. H. Woodall, Jr., T. R. Auby, V. L. Harris, M. A. Hudson, J. R. Chappell. *Sixth row:* E. L. Hammock, C. B. Armstrong, F. E. Rutherford, D. B. Pratt, R. D. Edwards, D. T. Gedro, D. C. Wright, J. W. Miller, A. B. Mashburn, F. D. Welch, M. L. Davis, G. K. Long, J. A. Hill, R. L. Edens, W. L. McGlothlin, B. C. Soles, A. H. Dishner, J. M. Burley, A. E. Healy, J. F. Collins, C. E. Jacobs, C. E. Purcell. *Missing from picture:* J. F. Adams, N. J. Adams, H. W. Allen, R. L. Allen, F. A. Baggett, T. T. Bales, C. J. Barlowe, R. K. Belcher, J. W. Bost, C. J. Bousfield, B. L. Bowden, H. E.

OF 1956

Bowman, J. O. Brantley, L. P. Britt, R. R. Brown, B. L. Butler, J. D. Calhoun, J. J. Campbell, P. R. Carpenter, D. H. Carroll, Jr., R. R. Chambers, R. C. Claud, J. W. Coats, R. R. Coggins, F. E. Collier, W. P. Collier, W. E. Conwell, W. T. Covington, R. F. Cowley, E. W. Cox, D. C. Crockett, E. D. Crumpler, W. E. Cundiff, II, D. J. Downer, R. A. Doyle, F. G. Dressler, Jr., D. M. Driver, G. C. Dumas, W. F. Dupee, F. A. Edgar, D. F. Falke, B. L. Farris, R. S. Fitzgerald, R. G. Forry, S. R. Fulbright, M. A. Gaylor, Jr., J. D. Greene, H. W. Griggs, P. S. Haigler, H. C. Haile, E. C. Harrison, E. F. Harvey, G. W. Haynes, R. H. Hedgepeth, R. L. Helmick, J. O. Honaker, V. E. Howard, B. M. Hylton, D. L. Jenkins, S. E. Jenkins, J. D. Johnson, M. A. Jones, Jr., R. B. Jones, E. C. Jordan, C. W. Jovaras, F. A. King, Jr., C. W. Knowles, Jr., T. M. Kubel, W. A. Larrimore, T. R. Ledford, B. H. Leggette, J. W. Lewis, M. E. Logan, R. K. Lore, H. L. Lyons, B. E. Major, Jr., C. E. Massey, T. E. Masters, Jr., D. R. Matthews, J. C. McCall, D. D. McLean, R. B. McNamara, S. V. Mitchem, S. D. Moore, J. S. Morris, T. E. Morris, J. C. Muir, E. R. Neubaum, R. E. Oliver, F. M. O'Neal, A. C. Owens, C. P. Parker, R. B. Paxton, K. F. Peace, C. G. Phillips, Jr., W. L. Piotrowski, C. N. Poindexter, W. L. Richardson, J. F. Robison, R. S. Rollins, C. D. Ronemous,, Jr., J. R. Sample, R. J. Shortt, E. E. Slone, Q. R. Smith, T. R. Smith, W. E. Smith, Jr., R. D. Stein, J. A. Stinnett, R. D. Stone, G. H. Story, J. D. Taylor, W. H. Taylor, C. R. Thomas, M. S. Thomas, H. W. Tingle, O. A. Upchurch, J. W. Warrick, Jr., F. L. Webster, R. T. West, W. T. White, Jr., R. A. Whitesel, Jr., N. F. Yorke, Jr., E. R. Young.

Left to right, first row: D. E. Shepard, J. R. Barron, J. H. Moore, T. E. Vaughn, D. H. Schooler. *Second row:* P. D. Winstead, T. D. Flinchum, Jr., R. F. Camden, W. C. Adams, L. G. Burcher. *Third row:* R. M. Jett, C. W. Whitehead, C. S. Padgett, H. H. Corbett. *Fourth row:* T. L. Jones, F. L. Hubbard, Jr., S. M. Harrell, W. E. Babcock, B. G. Stacy. *Fifth row:* G. P. Clevinger, J. L. Council, K. C. Richardson, C. J. Crowder.

THE NIGHT SHIFT

The night shift boys whose pictures appear above are members of all the various classes, and we have grouped them together in one photo for two reasons. Since they are working when the rest of the apprentices are off, we thought they would like to be in one picture and we felt it would be an imposition to ask them to appear during their time off to get in their regular class picture.

AWARDS FOR 1952

The CHARLES F. BAILEY AWARDS were presented to those Apprentices making the highest scholastic records during 1952.

Bronze Medal, First Year Apprentice
JOHN ROBERT CHAPPELL

Silver Medal, Second Year Apprentice
EDWARD BAXTER BRIGHT

Gold Medal, Third Year Apprentice
WALTER AARON RAINES

The HOMER L. FERGUSON AWARD, a gold watch properly engraved, presented to the student who, during his apprenticeship, scored the highest average in his combined classroom and shop grades.

JAMES ALFRED ENGLAND

THE JOURNALISM AWARD is presented to those graduates who worked on the Broad "A" or the Binnacle for four years and held a major editorial position on one or the other.

VANCE ORPHEUS BRIGHT
VIVIEN ANSELL HAWKINS
JESSE LEE RICKS

The GOLD ATHLETIC AWARD is the highest that can be made by an Apprentice for athletic activities.

BASEBALL—J. W. Dunn, III, J. W. Grubb, P. H. Gwyn, W. A. Rich, F. C. Sorrell, W. H. Sword, P. M. Weddle.

FOOTBALL—B. F. Conlon, Jr., L. F. Crockett, H. C. Cuddy, J. B. Harwood, III, H. R. Jones, T. E. Kersey, T. T. Palmer, Jr., W. D. Watkins.

BASKETBALL—E. R. Cooper, J. L. Liberty, Jr.

WRESTLING—J. C. Piazza, C. E. Ward.

TRACK—J. L. Ricks, J. W. Watson.
GOLF—L. B. August, Jr.

The NIELS CHRISTIANSEN AWARDS are presented to the graduate in each division of the Shipyard who excelled in craftsmanship during 1952.

Marine Division
WILLIAM BRUCE SCOTT

Machinery Drafting Division
THOMAS MOODY MAYO, JR.

Machine Shops Division
JAMES ALFRED ENGLAND

Hull Drafting Division
VIVIEN ANSELL HAWKINS

Hull Outfitting Division
JESSE MAHLEN MELSON

Foundry Division
JACK LOUIE LIBERTY, JR.

Steel Hull Division
HOMER CARL CUDDY

Mr. J. B. Woodward, Jr., addressing the Senior Class at Commencement.

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ACTIVITIES

Left to right: H. Hintoe, R. J. Whitley, R. W. Carroll, L. E. Holloman

OUR SCHOOL ANNUAL

THE BINNACLE is published yearly by the apprentice student body.

This is the eighth publication of a series which began with the year 1941. Because of the World War, which enlisted all available manpower, the publication of THE BINNACLE was discontinued after the 1942 edition and it wasn't until 1947 that publishing the yearbook was resumed.

The name for these books through the years has remained the same, and still goes under the title, THE BINNACLE, it being a term used on board ship to desscribe a compass and its housing.

We hope this book will acquaint the graduates with many fond memories of their stay here in school. It is dualy our purpose to introduce the under-classmen to the various phases of our social life and athletic activities.

A meeting for selecting a staff was called in November and all interested Appren-

tices were invited. At this meeting Rodney W. Carroll, having been managing editor of the "49" edition, and having other previous journalistic experience, was elected editor. The duties of Class Editor were given to L. E. Holloman. Selected as Feature Editor was R. J. Whitley. Handling the sports section was H. Hinote, who was ably assisted by R. T. West. M. Jones was elected as photographer, and had as his assistant Joe Tapscott. Working with the staff to handle business matters were D. A. Yeatts, business manager, and E. O. Wright, Jr., assistant business manager. James Barron and W. R. Bazzarre also assisted with the publication.

We extend a hearty thanks to the Administrative Staff who have helped immensely in compiling data, typing, and generally going out of their way to help us.

THE BINNACLE

Left to right: J. P. Tapscott, E. O. Wright, Jr., R. J. Whitley, J. R. Barron, H. Hinote, L. E. Holloman, D. A. Yeatts, R. W. Carroll, W. R. Bazzarre.

THE MONOGRAM CLUB

To attain membership in the Monogram Club of the Apprentice School, the student must earn his monogram in any of the variety of sports offered by the school for participation. Having fulfilled this requirement he must attend six consecutive meetings during which time he is on probation and after which he may receive a club charm.

On Monday, March 17, a banquet was held. Letters in football and basketball were awarded. Mr. R. B. Hopkins was guest speaker and movies of the William & Mary-Penn State game were shown.

On May 29, the Annual Memorial Day Dance was held at the Grandview Pavillion with music by Bill Clement's fine orchestra. This proved to be a very successful and enjoyable event.

The B and M Drive-In was the scene of a banquet meeting held for the purpose of awarding baseball and track letters and the election of new officers.

One of the outstanding events of the club year occurred when, on October 24, the Monogram Club presented William Reynolds with a plaque, club charm and chain, and a $50.00 defense bond in appreciation of his past service to the Apprentice School.

MONOGRAM CLUB OFFICERS, *left to right:* Ware, Phillips, Parker, Reynolds

Joe Smith is shown proudly receiving the linesman's trophy presented by the Peninsula Sports Club. Mr. Herbert Morewitz, President, cited Joe for not only being one of the most valuable players on the team, but for reflecting in everyday life, the spirit of friendliness and good sportsmanship necessary for making any team function properly.

This banquet was given by the Monogram Club and honored our football team. The team was praised, by the various speakers, for its clean playing and high standards of sportsmanship shown at the games. Agencies represented were "Times Herald" and "Daily Press" newspapers and the Peninsula Sports Club.

Mr. Herbert Morewitz, President of the Peninsula Sports Club, spoke to the Monogram Club and guests on good sportsmanship, and praised our team for giving all that they had in the games. Cited among our handicaps was the fact that we have no paid or tuitioned players, and that we practice and play only after we have left our trades in the shipyard at the close of the working day.

PI PHI MEMBERS, *seated left to right:* Shinn, Coates, Kilmer, Hawkins, Poythress, Hooks. *Standing left to right:* Trapp, Bunts, Cuddy, Shrieves, Barnes, Tison, Griscom, Wright, Clark, Parker, Piazzi, Reynolds.

PI PHI FRATERNITY

During the year there were seventeen members, and these officers were elected: Elwood Flythe, President; C. J. Coates, Vice-President; Phil Kilmer, Recording Secretary; Ansell Hawkins, Correspondent Secretary; and James Schade, Treasurer.

Pi Phi's activities throughout 1952 were well planned and well attended. Among them were the annual Installation and Founders' Day banquet, the Halloween scavenger hunt, and the usual all important get-togethers after each football game. Just to mention a few other social activities sponsored by Pi Phi, we must include the annual Christmas party, and the always popular New Year's Eve party, where if you did not have fun it was no one's fault but your own. Then too, there was the well attended St. Valentine's dance as well as countless numbers of beach parties and wiener roasts.

Pi Phi departed from its usual custom this year and instead of holding its regular beach party at Nags Head in North Carolina, the festivities took place at Wrightsville Beach also in North Carolina. For a few days following this annual outing at the beach, quite a few of the boys, including Elwood Flythe and James Schade, were unable to do much of anything but lie still in bed trying to recover from a fine case of sun poisoning, or at least that is what they told us.

One of the most important events of the year was, of course, our annual convention. We journeyed to Baltimore, Maryland, in the latter part of August for our formal meeting and of course a wee bit of fun on the side. To mention a few of the serious moments during this conclave, we were honored to have T. W. Parker presented with the outstanding Individual Scholarship Award for the National Fraternity. The Scholarship Plaque was awarded, for the third consecutive year, to the Gamma Zeta Chapter, our own local group. Something else worth mentioning is the fact that since it was first formed in 1948, this Chapter was honored by placing two officers in the Grand Chapter of the national organization. J. Nollie Trapp was elected Grand President and Bobby M. Lake was elected Grand Vice President.

PI PHI OFFICERS, *seated left to right:* Trapp, Coates, Shinn, Poythress, Kilmer. *Standing left to right:* Hooks, Hawkins, Shrieves.

Look at the happy expressions on the faces of these youngsters, after they had received gifts at the Apprentice School Christmas party, which is an annual affair to help bring cheer to some of the less fortunate children in the community.

They don't look like hill-billies, do they? But you should have heard the good old mountain music these Apprentices made with their guitars at the Christmas Party. And that yodeler at the microphone reminded us of Eddie Arnold.

Punch line . . . . That fellow up front can't make up his mind whether to taste it or not. The second one surely looks rather doubtful. The others seem happy about the whole thing but we were not around with our camera when they finished drinking the contents of that bowl.

CHRISTMAS PARTY

Our Christmas season this year was exceedingly festive, as was illustrated by the dual parties, and the general feeling of merriment which prevailed in the entire school.

The first party was given by the Apprentices for the under-privileged children of this area, the highlight of which was a visit from Santa, bearing gifts for all. Movies exemplifying legendary Christmas stories were viewed and the children selected a "Quartet" from among their number to sing carols on the stage. Their party closed with the entire group singing carols. Immediately following, the kids were taken to their homes by their hosts.

The second party was given for and by the student body. Apprentices and their dates were entertained by movies, vocal selections sung by Mr. Loper, and general carol singing. Festive refreshments were served by Mrs. Pullen and her staff. As the party closed, strains of the beautiful carols could be heard floating out on the brisk winter air.

Say, remember when you were a kid? . . . and how much it meant to you to talk to Santa Claus? . . . and how serious you got when he asked what you wanted, and you couldn't think of a thing at the moment? We're sure this picture takes you back to those bygone days.

SUCH IS LIFE . . .

DORM LIFE, THAT IS

Some studied at night, some went to the movies, some were fortunate enough to have a date . . . this fellow was interested in literature.

Many mornings sleepy eyes looking down from the dormitory window thought they saw cars parked this way.

Hey, look out, bud, that blunderbuss may be loaded!

M-M-M-M-M—We would certainly rather be at the beach than in school, what do you think?

Talk about excitement! This fellow sure looks as though he were reading, but from his expression we can't imagine what kind of a story.

Here are a couple of sad sacks if we ever saw any.

Guess some gal is getting quite a sales talk, and it's put to music too.

Gotta match? That dash across the street killed the fire.

Well, will I go in and get what's coming to me?

Looks like he doesn't believe the story, from the position of that fist.

Ho-hum! — Wish she'd hurry up, I've been here an hour.

Be-bop or classical, I guess we'll never know.

One of life's serious moments—in the chow line.

Here are those crazy cars again.

This fellow was really serious — guess he made a few mistakes.

A-packin' his bag — probably getting ready to shuffle off to Buffalo.

Aw, gee, honey, I can't make it tonight, I'm kinda broke.

Must be something good judging by the size of the package.

Just shined it up — and boy, is he proud!

And he's one of the most gentle guys in school.

Honey, the sound of that machine is music to my ears.

Guess he needs those glasses—watching for his ship to come in.

Dorm Life Is Very Informal, No?

Five little apprentice's all in a row.

Oh, well, there was no place else to put this picture.

They sure look happy. They must know that the lion is made of stone—Some fancy tie on that fellow on the left.

BINNACLE

Space would not permit us to publish the photos of all the lovely ladies submitted by various members of the

JOAN COOPER

ANN SATCHELL

ANNE GRAY

BEAUTIES

student body. Therefore, we have published those selected by a group of impartial judges, to add a little color to our school annual.

MARY ANN LIBERTY

MARGARET PEGRAM

SHIRLEY NEAL

ATHLETICS

VARSITY FOOTBALL

After three weeks of hard and long practices, the Maroon and Gold were finally ready to face the task of meeting the William and Mary J. V. After many changes and shuffles, Coach Burns thought he had the team that could do it.

Playing probably one of the best games they played all year, they went down to defeat 20 to 19. Conley Smith started the Shipbuilders off in a hurry as he snagged one of Lincoln's passes in the end zone to give the Apprentice a 6 to 0 lead. This lead was held until the third quarter when W & M led going into the fourth, 13 to 12. Both teams scored in the fourth quarter but the toe of "Hadacol" Hines was too much for the Apprentice.

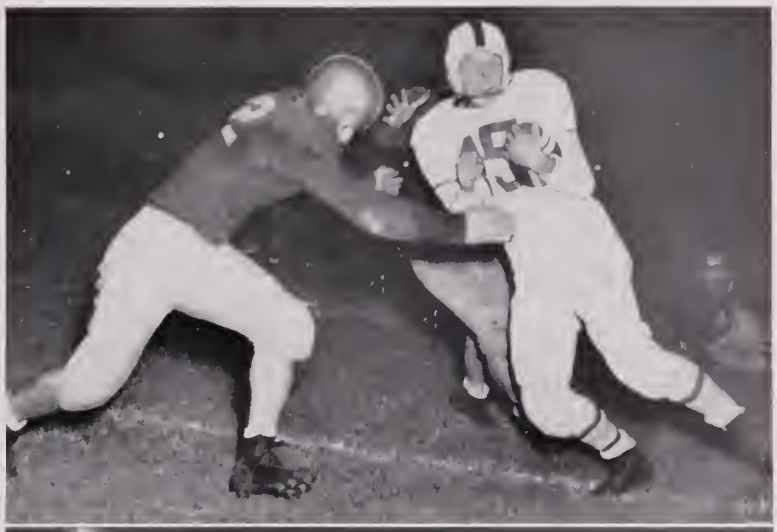
Not to be outdone by the W & M defeat, the Shipbuilders worked hard before traveling to Eastern Carolina Teachers College the next week. Being plagued with injuries the Apprentice did not fare so well as they went down to their second defeat, 37 to 6.

The first foe for the Apprentice coming back home for a six-game stand were the Randolph-Macon Yellow Jackets. The Apprentice found the Yellow Jackets too much as they went down to their third defeat, 33 to 0.

With four of the A's key players injured, Potomac State moved into town. The Shipbuilders played an excellent game but couldn't seem to get moving at the right time as they went down to their fourth defeat, 12 to 7. Bob Lincoln played occasionally because of his shoulder injury and scored the only Apprentice touchdown. This was on a pass play coming from Pat Phillips to Lincoln on the 23 yard line of Potomac where he did some beautiful running the rest of the way. Once again the team was praised for its defensive efforts.

Still not being able to click at the right time, the A's went down to their fifth setback at the expense of Hampden-Sydney Tigers. Although making one of their best efforts of the year, the

Front row, left to right: Joe Smith, N. A. Barnes, Lou Liberty, Homer Cuddy, Bart Conlon, Paul Gresham, T. T. Palmer, Coach John Burns, John Landis, Doyle Watkins, Tommy Watson, Clyde Blasingame, Bob Lincoln, Howard Whitmore, Backfield Coach Buddy Bryant. *Second row:* Line Coach Sam Madsen, Bill West, Thomas Sanders, Fred Harrell, Don Hurst, Mel Davis, Bill Smith, Roy Rollins, John Dickens, Pat Phillips, George Dumas, Boyd Soles, Arthur Burris, Randy West, John Collins, Thomas Covington, Fido Stephens, Dewey Stinson, Center and Line Backer Coach. *Third row:* Archie Healy, Bruce Clark, Richard "Dead-Eye" Brumback, Bill Beacham, George Fenton, Marvin Parker, Elton Wessells, Jerry Campbell, Gene Rutherford, Bill Ayers, Bill Conwell, Co-Manager Don Welch, Co-Manager Tony Auby, Ass't. Manager Bill Babcock, Senior Manager Carl Parker.



From the expression on his face you'd think he was really going to enjoy what happened right after this picture was snapped.

Looks like a lot of excitement —and some of the boys got their new pants all dirty.

A's just couldn't make their scoring opportunities a success.

Once again the A's muffed scoring chances one after another as they went down to defeat, 13 to 0 to Sheppard College. Although getting 16 first downs to 5 for Sheppard, out-rushing and out-passing them, the A's just couldn't out-score them. The Shipbuilders could move the ball from their 20 to the Sheppard's 20 but after that it was all over.

Not to be outdone by six defeats, the A's came through in their homecoming game by defeating Wilson Teachers College, 7 to 6.

The A's followed up the next week running over Montgomery Junior College, 9 to 0.

The Apprentice traveled to Bridgewater College to end the season. Although losing 13 to 0, the team came back in good spirits looking forward to next year.

1952 FOOTBALL SCORES

Apprentice	19	William and Mary J. V.	20
Apprentice	6	Eastern Carolina	37
Apprentice	0	Randolph-Macon	33
Apprentice	7	Potomac State	12
Apprentice	0	Hampden-Sydney	12
Apprentice	0	Sheppard College	13
Apprentice	7	Wilson Teachers	6
Apprentice	9	Montgomery	0
Apprentice	0	Bridgewater	13

Front row, left to right: Phillip Allen, Lou Liberty, Billy "Bones" Haskins, Bob Lincoln, Jim Beck. *Second row:* Homer Cuddy, John Cowley, John Harwood, Lloyd Ware, Conley Manning, O. D. Trammel. *Third row:* Gordon "Pop" Lamkin, Coach, "Beef" Leonard, Senior Manager, Jim Wagner, Bob Estes, Larry "Slim" Miller, "Mickey" Neubaum, Jim Ellis, Co-Manager, Willie Warren, Ass't. Coach.

VARSITY BASKETBALL

After finally learning to work together the Apprentice basketeers really got rolling and only lost two out of the last eleven games. One of the losses being to Westinghouse Apprentice of Pittsburgh. The A's closed out the season with ten wins compared to eight losses.

Coached by "Pop" Lamkin, the A's starting team consisted of all returning lettermen, except Haskins. The team was backed up by a good supply of able reserves which contributed much to the success of the team as a whole.

We are certain that the team will miss their departing lettermen, Homer Cuddy and Lloyd Ware. We are equally as sure that the team will have another good season in '53.

1952 BASKETBALL SCORES

Naval Training Station	89	A's 71	Wm. & Mary J. V.	89	55
Wm. & Mary	83	66	Dixie Containers	65	69
Wilson Teachers	57	71	R. P. I.	41	71
Naval Training Station	74	63	Wm. & Mary Division	60	76
Randolph-Macon	56	46	Shenandoah College	63	77
Wm. & Mary J. V.	88	62	Medical College of Va.	54	79
Dixie Containers	69	51	Norfolk Naval Apprent.	21	78
R. P. I.	65	96	Westinghouse Apprentice	60	56
Medical College of Va.	53	73	Randolf-Macon	55	71

The game with William & Frosh was noted for its close play around the baskets and clean sportsmanship by both squads, a fine example of which is pictured here. There goes another two points for the big A's to help boost their yearly average to a high 81.2 points per game against 73.8 points per game for their opponents.

CHAMPIONS: Fitter-Boilermakers: *Staning:* R .R. Pollock, W. A. Rich, Pat England, Bill Powell. *Kneeling:* Eddie Crisco, Charlie McCormack, Walter Tarver.

PIPE DEPARTMENT—*Standing:* Billy Nixon, Bob Stallard, H. Hinote, Doyle Wallace. *Kneeling:* Coach Cutchens, Bob Royston, Swanson Pendleton, Roy Morrow.

INTRAMURAL

HULL DRAFTING—*Front row:* T. R. Pauley, T. R. Markham, J. G. Lochstampfor, W. A. Raines. *Back row:* B. L. McClellan, K. W. Godsey, C. L. Smith, J. L. Landis.

PENCIL PUSHERS — *Back row, left to right:* B. C. Vinson, Sidney Tidd, W. B. Miffleton, C. J. Coates, Coach. *Front row:* G. R. Barber, Wayne Peters, Claude Hale, F. C. Sorrell.

Left to right: Doyle Watson, Dick Collier, T. T. Palmer, Joe Chalmers, T. A. Caldwell, J. H. Dickens, and J. R. Collins.

SHEET METAL—*Standing:* Coach Cuddy, O. B. Bucklen, Arthur Burris, Charlie Ijames. *Kneeling:* N. A. Barnes, Bobby Trump, Bob Austin.

BASKETBALL

APPRENTICE DRAWING ROOM—*Standing:* Pat Phillips, Bob Rassman, Bill Stancill. *Kneeling:* L. C. Armstrong, Bill Reynolds, W. A. Taylor.

APPRENTICE GALLERY—*Standing:* Tommy Watson, W. R. West, E. R. Hudson, Coach Baird, Earl Harvey, Don Williams, W. B. Wise. *Kneeling:* Billy Opheim, Paul Stergin, Johnny Current, Dick Jones, Donald Hurst, Bert Hargrave.

BASEBALL

The Apprentice baseball team, under the tutelage of Coach John Burns, had a successful season by winning seven and dropping only two.

The A's opened the season by topping the Medical College of Va. 4-2. The second game for the Apprentices also turned out to be a success, winning from Norfolk Division 5-3. The third game proved to be a disaster with the A's dropping a close 9-8 decision to William and Mary. In the fourth game unearned runs allowed the Randolph-Macon Yellow Jackets to smother the Apprentice nine 8-2.

The rest of the season proved to be good for the boys of the Maroon and Gold allowing them wins over R. P. I., Chowan College, Medical College, Norfolk Division, and at last, again Chowan College.

First row, left to right: Coach John Burns, W. A. Rich, P. H. Gwyn, F. C. Sorrell, W. D. Watkins, J. D. Harwood. *Second row:* W. E. Armstrong, C. L. Manning, O. D. Trammell, J. R. Collins, J. W. Reynolds, T. A. Bratton, H. W. Jones. *Missing:* Ass't Coach Rex Forbes, C. R. Lincoln, J. W. Dunn, H. C. Cuddy, D. T. Gedro, E. W. Wessells, W. R. West, M. W. Parker, P. M. Weddle, T. S. Crittenden, Mgr. B. T. Leonard, G. E. Squires.

SOFT BALL

Front row, left to right: Bob Royston, Vernon Howard, Toy Markham, Mickey Neubam, Paul Haigler. *Second row:* Coach Baird, Bill Conwell, Donald Hurst, H. Shirley, Bill Opheim. *Third row:* L. C. Armstrong, Don Welch, Sidney Fulbright, Bill McClellan, Bill Bowden.

J-V BASEBALL

The Apprentice Junior-Varsity Baseball Team in the Shipyard League tied for first place in the first half, came in third in the second half, and seeded number three. They lost two out of three games in the preliminary play-offs to the Electricians.

First row, left to right: Clark, Bratton, Collins, Jones West, Reynolds, and Wessells. *Standing, left to right:* Harwood, Mgr. Rich, Phillips, Gedro, and Coach Burns. *Missing from picture:* Manning, Trammell, Parker, and Armstrong.

First row, left to right: L. W. Stancil, Jr., R. M. Kennell, F. C. Griscom, Jr., J. L. Ricks, J. C. Meredith, Jr., O. B. Bucklen. *Second row, left to right:* Granny Gresham, Coach; Carl Parker, J. D. Cowley, Jr., J. B. Violette, W. R. Phillips, Jr., Melvin Davis. *Missing:* E. R. Cooper, J. P. Beck, Jr., F. A. Edgar, F. A. Harrell, J. W. Watson, L. F. Crockett, Teddy Masters, Paul Gresham.

TRACK

Although having a losing season in Track, the A's showed great strength and the Track Meets usually went down to the finish to decide the winner.

The Maroon and Gold in their close meets were led by Larry Crockett throwing the shot put and discus, Bob Kennell in the high and low hurdles, Jim Beck as pole valuter, and Joe Meredith as distance man. Also helping out were John Cowley, Frank Edgar, Melvin Davis, Eddie Cooper, and Carl Parker.

The A's are in a rebuilding stage and are hoping for better things next year. They were coached by "Granny" Gresham.

Cheerleaders W. T. Latham and A. B. Mashburn

OUR CHEERLEADERS

Athletic events seem to need "just a little lift" at times, and our cheerleaders added the right amount of enthusiasm and pep to keep the spectators keyed up and cheering our teams throughout every game. Win, lose, or tie—the boys knew the crowd was enjoying the game, and they did their utmost to provide the fans with something to cheer about.

Although our cheerleaders were not quite as cute or animated as some of those who were urging our opponents on to victory, we appreciated their efforts and tried to follow their lead.

Sometimes it was difficult to get all of us roaring, especially when our team was not doing so good—but, the boys out front managed to get us going loud enough, and long enough to let the team know we were behind them.

BUILDING SHIPS

View of Yard showing repair work along Docks and piers in foreground and the Power Plant and HF-P Shop in upper right.

Above is an aerial view showing the three dry docks used for servicing various types of ships.

The Old Dominion Mariner returning to port after successfully completing her sea trials. This ship was the first of 35 identical ships to be built for the U. S. Maritime Commission. Each of the five built by us will be named after a southern state, Old Dominion Mariner — Virginia, Tar Heel Mariner — North Carolina, Volunteer Mariner — Tennessee, Palmeto Mariner — South Carolina, Cracker State Mariner — Georgia.

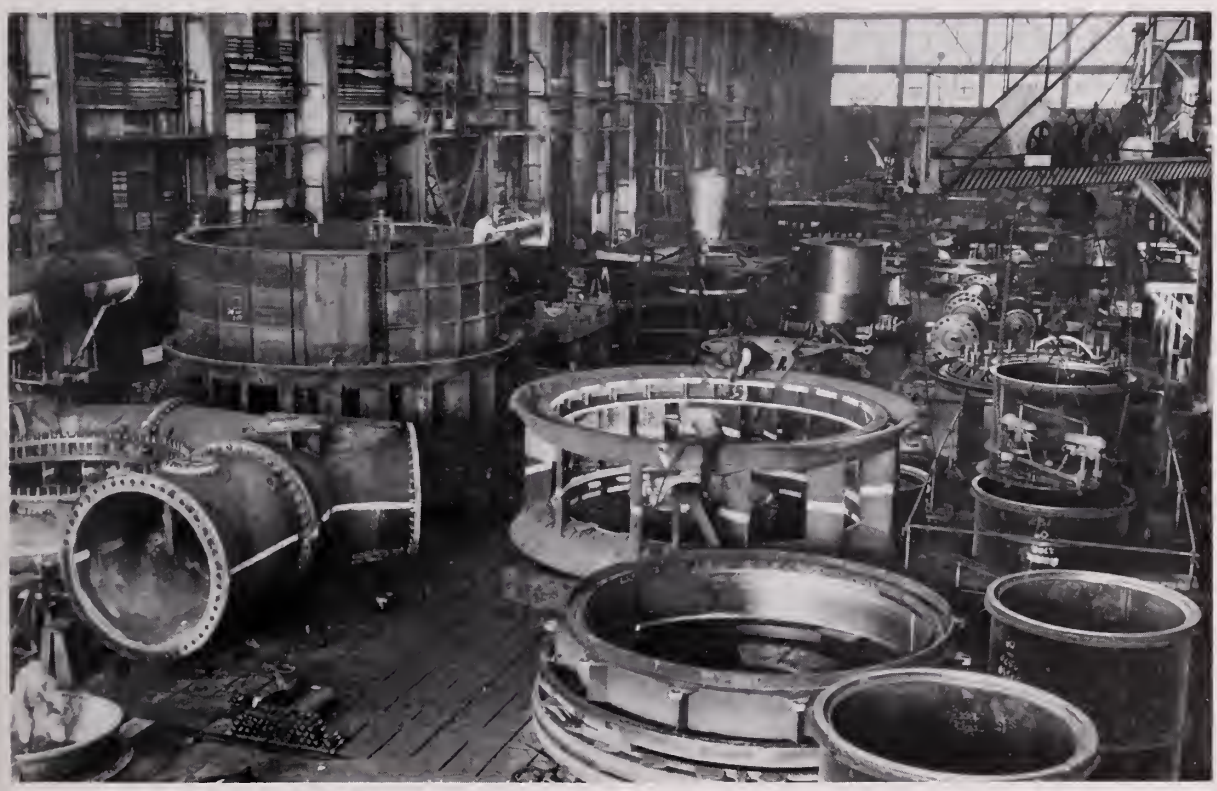
The rudder and propeller of the old Dominion Mariner are shown assembled on the ways prior to launching.

The S.S. United States is 980 feet from stem to stern, making its 257 feet longer than the S.S. America, which formerly was the longest American superliner afloat. The S.S. United States is the third longest passenger ship in the world. The Queen Mary is 1,019 feet, and the Queen Elizabeth 1,031.

The overall cost of the S.S. UNITED STATES was about $70.000.000. The designing of it took two years, and the job of building it lasted over three years. It is powered by steam turbines driving four screws and is faster than any other commercial vessel afloat. We Apprentices knew her as Hull 488.

Drawing Room — Just a few of the hundreds of persons that work thousands of hours just to design a ship. It is here in the drawing rooms that most of the problems of building each ship are solved before the average workman in the yard even knows there is a problem at all.

Here in the Machine Shops are produced, en masse, the great pieces of machinery that drive many of the ships built here. Here also are produced powerful hydraulic turbines that drive electrical generators that produce power for many sections of the U. S. and foreign countries.



ROSTER OF APPRENTICES

ADAMS, James Francis, Wattsville, Virginia
ADAMS ,Joseph Robert, Pungo, North Carolina
ADAMS, Nathan Jean, China Grove, North Carolina
ADAMS, William Clay, Pine Knot, Kentucky
ALDRIDGE, Charles Lindsey, Hopewell, Virginia
ALDRIDGE, Herbert Marshall, Hopewell, Virginia
ALLEN,Hinton Warren, Wendell, North Carolina
ALLEN, Philip Faunce, Jr., Newport News, Virginia
ALLEN, Robert Lee, Newport News, Virginia
ALLISON, Samuel Dudley, Jr., Newport News, Virginia
ARMENTROUT, Robert Curtis, Newport News, Va.
ARMSTRONG, Cecil Boyd, Hot Springs, Virginia
ARMSTRONG, Lawrence Channing, Hot Springs, Va.
ARMSTRONG, Robert Walter, Newport News, Va.
ARMSTRONG, Walter Ennis, Hot Springs, Virginia
ATKINSON, Albert Vernon, Warwick, Virginia
AUBY, Tony R., Electric City, Washington
AUGUST, Lawrence Bernard, Jr., Newport News, Va.
AUSTIN, Robert Lee, Lewisburg, West Virginia
AYERS, Billy Wayne, Apalachicola, Florida

BABCOCK, William Earl, Ashland, Virginia
BAGGETT, Frank Alton, St. Pauls, North Carolina
BAGGULEY, Richard Bruce, Chicago, Illinois
BALDERSON, William Glenmore, Tappahannock, Va.
BALES, Thomas Theodore, Newport News, Virginia
BANE, Franklin Delano, Warwick, Virginia
BARBER, George Raymond, Newport News, Virginia
BARBER, Leo Thomas, Portsmouth, Virginia
BARLOWE, Cecil James, Marion, North Carolina
BARNES, Herbert, Jr., Accomac, Virginia
BARNES, Norwood Ashley, Jr., Whiteville, N. C.
BARR, Ramon Paul, Messick, Virginia
BARRICK, David Lane, Wake, Virginia
BARRON, James Roland, Clarksdale, Mississippi
BARRON, Robert Gordon, Richmond, Virginia
BARTER, Gordon Eliot, Jr., Gloucester, Virginia
BASSETT, Leland Earl, Jr., Portsmouth, Virginia
BASTA, Edward, Hornsbyville, Virginia
BAZZARRE, William Ruston, Covington, Virginia
BEACHAM, William Thomas, III., Elizabeth City, N. C.
BECK, James Phillip, Jr., Steelton, Pennsylvania
BELCHER, Robert Keith, Cairo, Georgia
BELFORD, Robert Paul, Jr., Yorktown, Virginia
BELOTE, James Calvin, Newport News, Virginia
BIRCKHEAD, James Jay, Miller School, Virginia
BLASINGAME, Leon Clyde, Camp Hill, Alabama
BLEVINS, Manley Walter, Troutdale, Virginia
BLINSON, Coye Lee, Jr., Wendell, North Carolina
BOLTON, Warren Lee, Johnson City, Tennessee
BOST, John Walter, Gold Hill, North Carolina
BOUSFIELD, Charles John, Ft. Lauderdale, Florida
BOWDEN, Billy Lee, Cape Charles, Virginia
BOWDEN, George Franklin, Cape Charles, Virginia
BOWMAN, Harley Eugene, Hickory, North Carolina
BOYD, Raymond Guy, Davenport, Virginia
BRADSHAW, William Mason, Mount Ulla, N. C.
BRANTLEY, James Oliver, Spring Hope, N. C.
BRATTON, Thomas Abraham, Deltaville, Virginia
BRICE, Willis Morse, Jr., Eliabeth City, North Carolina
BRIDGES, Gerald Brookshire, Newport News, Virginia
BRIGHT, Edward Baxter, Hickory, North Carolina
BRIGHT, Vance Orpheus, Jr., Hickory, North Carolina
BRITT, Leroy Preston, Orrum, North Carolina
BROCKWELL, James Allison, Jr., Hampton, Virginia
BROWN, James William, Hampton, Virginia
BROWN, Robert Randal, Smithfield, Virginia
BRUMBACK, Richard Irving, Winchester, Virginia
BUCKLEN, Okley Bert, Doran, Virginia
BUNTS, Edward Neal, Jr., Colonial Heights, Virginia
BURCHER, Linwood Gwynn, Dare, Virginia
BURLEY, James Massie, Amherst, Virginia
BURRIS, Arthur Coles, Jr., Albemarle, N. C.
BURROW, Jimmie Cecil, Lewisburg, Tennessee
BUSH, John Albert, Jr., Wrens, Georgia
BUTLER, Billy Lee, Warwick, Virginia
BYRD, Roy Eugene, Jr., Morrison, Virginia

CALDWELL, Thomas Andrew, Franklin, Virginia
CALDWELL, Walter Davis, Williamsburg, Virginia
CALHOUN, James Dwain, Lucedale, Mississippi
CALLIS, Leslie Stuart, Grimstead, Virginia
CAMDEN, Roger Franklin, Lowesville, Virginia
CAMPBELL, Jerry Jarvis, Warwick, Virginia
CARPENTER, Philip Randall, Sandidges, Virginia
CARROLL, Dexter Hubert, Jr., Danville, Virginia
CARROLL, Rodney Wilson, Newport News, Virginia
CASTELOW, Billy Fry, Newport News, Virginia
CHAMBERS, Richard Reitzel, Steelton, Pennsylvania
CHAPMAN, Ward Graves, Jr., Harrisonburg, Virginia
CHAPPELL, John Robert, White Plains, Kentucky
CLARK, Bruce Aubrey, Wananish, North Carolina
CLARK, Henry Stewart, Messick, Virginia
CLAUD, Robert Cecil, Windsor, Virginia
CLEARY, Charles Van Buren, Jr., Hampton, Virginia
CLEVINGER, George Perry, Grundy, Virginia
COATES, Carley Jefferson, Jr., Newport News, Va.
COATS, John William, Partlow, Virginia
COGGINS, Robert Raynor, Garysburg, North Carolina
COGGSDALE, Norman Ellis, Courtland, Virginia
COLLIER, Franklin Edward, Roanoke Rapids, N. C.
COLLIER, Richard Lamarr, Rome, Georgia
COLLIER, William Preston, Rome, Georgia
COLLINS, Jimmie Ward, Durham, North Carolina
COLLINS, John Foster, Bryson City, North Carolina
COLLINS, John Robert, Bozoo, West Virginia
COMPTON, Phil Jackson, Portsmouth, Virginia
CONLON, Bartholomew Fred Jr., Miller School, Va.
CONWELL, William Eugene, Greenville, South Carolina
COOPER, Edward Roy, Newport News, Virginia
COPPERSMITH, William Carlton, Warwick, Virginia
CORBETT, Henry Haywood, Whiteville, N. C.
CORSON, Wilber Gene, Eclipse, Virginia
COUNCIL, James Lloyd, Hallsboro, North Carolina
COVINGTON, Wilbur Thomas, Hampton, Virginia
COWLEY, John David, Jr., Hampton, Virginia
COWLEY, Roy Franklin, Hampton, Virginia
COX, Eldon Wallace, Gladstone, Virginia
CREE, William Robert, Albemarle, North Carolina
CRISCO, Eddie Alexander, Jr., Albemarle, N. C.
CRITTENDEN, Franklin Stewart, Amburg, Virginia
CRITTENDEN, Thomas Stilson, Deltaville, Virginia
CROCKETT, David Cyril, Grimstead, Virginia
CROCKETT, Lawrence Fulton, Hampton, Virginia
CROSWELL, Leslie Franklin, Reedville, Virginia
CROWDER, Clarence Jackson, Covington, Virginia
CRUMPLER, Earl Dean, Roanoke Rapids, N. C.
CUDDY, Homer Carl, Bristol, Virginia
CUNDIFF, William Echols, II, Roanoke, Virginia
CURRENT, John Franklin, Statesville, North Carolina

DALE, Claude Harold, Jr., Homeville, Virginia
DAME, Robert Lee, Covington, Virginia
DAVIS,Maurice Leroy, Newport News, Virginia
DAVIS, Melvin Charles, Newport News, Virginia
DIAMANDIS, Deno John, Suffolk, Virginia
DICKENS, John Henry, Falls Mills, Virginia
DICKINSON, Donald Roy, Newport News, Virginia
DISHNER, Alexander Hamilton, Princeton, W. Va.
DOWNER, Daniel Joseph, Hampton, Virginia
DOYLE, Ray Alton, Maysville, Kentucky
DRAKE, Robert Lee, Boykins, Virginia

ROSTER OF APPRENTICES

DRAUGHN, Wayne Larry, Dobson, North Carolina
DRESSLER, Forrest Grant, Jr., Covington, Virginia
DRIVER, Daniel McCray, Wendell, North Carolina
DRUMMOND, William Earl, Hampton, Virginia
DUMAS, George Carlile, Yorktown, Virginia
DUNN, John Woodson, III, Williamsburg, Virginia
DUPEE, Walter Ferdinand, Rockville, Maryland

ELDENS, Richard Lewis, Hopewell, Virginia
EDGAR, Frank Alwin, Hampton, Virginia
EDWARDS, Robert Dixon, Warwick, Virginia
EDWARDS, William Sherman, Speedwell, Tennessee
ELLIS, James Byrd, Marion, North Carolina
ELMORE, Aaron Bishop, Kenly, North Carolina
ENGLAND, James Alfred, Newport News, Virginia
ESTES, Robert Lee, Newport News, Virginia

FALKE, Donald Fred, Big Rock, Virginia
FARIS, James Thomas, Jr., Emporia, Virginia
FARRIS, Bobby Lee, Duhring, West Virginia
FENTON, George Edward, Newport News, Virginia
FISHER, Louis Lamar, Hickory, North Carolina
FITZGERALD, Robert Sidney, Waynesboro, Virginia
FLINCHUM, Troy Davis, Jr., Ridgeway, Virginia
FLYNN, Milton Ward, Edenton, North Carolina
FLYTHE, Elwood Dennison, Warwick, Virginia
FOLEY, Charles Edward, Kimball, Virginia
FORREST, Robert Lloyd, Jeffs, Virginia
FORRY, Richard Guy, Gwynn, Virginia
FOSTER, Franklin Luke, Hampton, Virginia
FRANCIS, Billy Edward, Tookland, Virginia
FULBRIGHT, Sidney Roosevelt, Newton, N. C.

GAYLOR, Marvin Alburtis, Jr., Covington, Virginia
GEDRO, David Thomas, West Point, Virginia
GEOUGE, James William, Perrin, Virginia
GILES, Richard Woodrow, Blue Ridge, Virginia
GODFREY, Donovan Lee, Marion, North Carolina
GODSEY ,Kenneth Webster, Hampton, Virginia
GOLUB, Jay Andrew, Hampton, Virginia
GRATTON, Wayne Eberhard, Seattle, Washington
GREENE, J. D., Rockingham, North Carolina
GRESHAM, Paul Granville, Newport News, Virginia
GRIGGS, Harvey Willard, Smithfield, Virginia
GRIGGS, Herman Carroll, Suffolk, Virginia
GRISCOM, Frederick Chandler, Jr., Media, Pa.
GRUBB, James Wade, Newport News, Virginia
GWYN, Patric Hartwig, Naxera, Virginia

HAIGLER, Paul Steward, West Point, Virginia
HAILE, Hudson Cain, Jacksonville, Florida
HALE, Claude Arthur, Newport News, Virginia
HAM, Donald Ellis, West Somerset, Kentucky
HAMMOCK, Earl Lawrence, Draper, North Carolina
HARDISON, James Carol, Fremont, North Carolina
HARGRAVE, Bert Ellis, Jr., Norge, Virginia
HARRELL, Edward Ragsdale, Suffolk, Virginia
HARRELL, Fred Augustus, Suffolk, Virginia
HARRELL, Spence Melvin, Cairo, Georgia
HARRIS, Gene Meredith, Covington, Virginia
HARRIS, Vernon Lafayette, Tuscaloosa, Alabama
HARRISON, Emmett Carroll, Whigham, Georgia
HARRISON, Lester Davis, Hopewell, Virginia
HARTBERGER, Albert Wilson, Montvale, Virginia
HARVEY, Alan Lee, Jr., White Marsh, Virginia
HARVEY, Earl Franklin, Gretna, Virginia
HARWOOD, James Burleigh, III, Hampton, Virginia
HARWOOD, John Daniel, Albemarle, North Carolina
HASKINS, William Franklin, Jr., Newport News, Va.
HASS, Robert Marnell, Newport News, Virginia
HAUFLER, Edwin Ray, Redart, Virginia
HAWKINS, Vivien Ansell, Luray, Virginia
HAYNES, Gerald William, Hot Springs, Virginia
HEALY, Archie Elmore, Lackey, Virginia
HEDGEPETH, Robert Harold, Newport News, Virginia
HELMICK, Raymond Lawrence, Flemington, W. Va.
HEMLER, Pierre Richardson, Hanover, Pennsylvania
HILL, Calvin Smith, Boykins, Virginia
HILL, James Anzen, Morgansville, West Virginia
HINOTE, Hubert, Robertsdale, Alabama
HOARD, Marvin Lloyd, Denbigh, Virginia
HOGGE, William Henry, Phoebus, Virginia
HOLLOMAN, Lyndon Earl, Ahoskie, North Carolina
HONAKER, Jack Omar, Ronceverte, West Virginia
HOOKS, Edward French, Fort Monroe, Virginia
HOOVER, Harry Lee, Harrisonburg, Virginia
HOWARD, Vernon Edward, Machipongo, Virginia
HUBBARD, Frank Lee, Jr., Bedford, Virginia
HUDSON, Elmer Raymond, Jr., Hornsbyville, Virginia
HUDSON, Malcolm Allen, Virgilinia, Virginia
HUFF, Robert Louis, Leicester, North Carolina
HUGHES, Clyde Reginald, Newsoms, Virginia
HULIN, Billy Joe, Troy, North Carolina
HUNDLEY, Harry Leslie, Jr., Hampton, Virginia
HUNNICUTT, Roy Douglas, Newport News, Virginia
HUNTER, William Winslow, Jr., South Norfolk, Va.
HURMAN, John, Newport News, Virginia
HURST, Charles Lindbergh, Moon, Virginia
HURST, Donald Gilford, Seymour, Tennessee
HUSKINS, Jack Meredith, Frankfort, West Virginia
HUTCHENS, Charles Eugene, Sanford, North Carolina
HYLTON, Billy McCall, Bland, Virginia

IJAMES, Charles Franklin, Guilford College, N. C.
INSLEY, John Hildrey, Jr., Messick, Virginia
IVEY, Berkley, Denbigh, Virginia

JACOBS, Curtis Elwin, Sycamore, Virginia
JENKINS, David Lee, Ellerbe, North Carolina
JENKINS, Stanley Elbert, Maryus, Virginia
JENNINGS, Lonnie Ray, Jr., Elizabeth City, N. C.
JERNIGAN, Marvin Curtis, St. Pauls, North Carolina
JESSUPS, William Royall, Hampton, Virginia
JETT, Rollie Morris, Lewisburg, Tennessee
JOHNSON, Clyde, Goldsboro, North Carolina
JOHNSON, James Douglas, Maysville, Kentucky
JOHNSON, James Hermon, Newport News, Virginia
JOHNSTON, James Albert, Jr., Newport News, Virginia
JONES, Hilton Randolph, Ahoskie, North Carolina
JONES, Marion Alexander, Jr., Petersburg, Virginia
JONES, Richard Charles, Jr., Newport News, Virginia
JONES, Robert Burton, Erwin, Tennessee
JONES, Thomas Lowell, Coatesville, Pennsylvania
JOO, Charles Maurice, Norfolk, Virginia
JORDAN, Earl Carver, Newport News, Virginia
JOVARAS, Constantinos William, Petersburg, Virginia

KARNS, John Rudolph, Hampton, Virginia
KASERMAN, Lee Frank, Norfolk, Virginia
KELLY, Clyde Eugene, Chuckatuck, Virginia
KELLY, Dorsey Dunn, Hurt, Virginia
KENLY, Richard Martin, Dogue, Virginia
KENNELL, Robert Marion, Hampton, Virginia
KERSEY, Thomas Elroy, Newport News, Virginia
KESSINGER, William Elbert, Union, West Virginia
KILMER, Philip Roger, Hudson, New York
KING, Freddie Arnold, Jr., Hampton, Virginia
KING, Kenneth Mansfield, Covington, Virginia
KNOWLES, Charles William, Jr., Madison Heights, Va.
KUBEL, Thomas Moore, Newport News, Virginia
LAFFERTY, John Henry, Thomas, Kentucky
LAMKIN, William Hunter, Hampton, Virginia

ROSTER OF APPRENTICES

LANDIS, John Lane, Jr., Newport News, Virginia
LARRIMORE, William Arthur, Roanoke Rapids, N. C.
LATHAM, Walter Travis, Pinetown, North Carolina
LEARY, Arthur Roger, Elizabeth City, North Carolina
LEDFORD, Ted Roland, Bakersville, North Carolina
LEGGETTE, Billie Harold, Newport News, Virginia
LEMAY, Jacues Gordon, Yorktown, Virginia
LEONARD, Benton Theophilus, Jr., Eagle Rock, Va.
LEWIS, Charles Joseph, Oriental, North Carolina
LEWIS, Fred Galan, Sylvatus, Virginia
LEWIS, Harry Sutton, North, Virginia
LEWIS, Jimmy Wayne, Wendell, North Carolina
LIBERTY, Jack Louie, Jr., Hampton, Va.
LINCOLN, Clinton Robert, Springdale, Pa.
LLOYD, Larry Lee, Dillon, Montana
LOCHSTAMPFOR, John G., Jr., Newport News, Va.
LOCKHART, Clarence Preston, Covington, Virginia
LOGAN, Mason Edward, Cumberland, Kentucky
LONG, Gene Karl, Covington, Virginia
LONG, John Ronald, Hampton, Virginia
LORE, Richard Karl, Roanoke Rapids, North Carolina
LOVELACE, Lewis Donald, Newport News, Virginia
LYONS, Harold Lloyd, Cairo, Georgia

MABE, James Albert, Mocksville, North Carolina
MAJOR, Benjamin Edward, Jr., Rescue, Virginia
MALLORY, Luther Stinson, Jr., Newport News, Virginia
MANN, Jim Litaker, Newport News, Virginia
MANNING, Conley Lee, Whitley City, Kentucky
MARKHAM, Roy Vance, Durham, North Carolina
MARKHAM, Talmadge Thomas, Jr., Charlottesville, Va.
MARKHAM, Toy Lee, Durham, North Carolina
MARSHALL, William Thomas, Newport News, Va.
MASHBURN, Arthur Barrett, Bay Harbor, Florida
MASSEY, Carlton Edward, Assawoman, Virginia
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ACKNOWLEDGEMENTS

The staff of the 1952 edition of the BINNACLE wishes to make special mention of, and to thank, certain persons whose interest, ability, assistance and cooperation were vital parts in the design, layout, production and publication of this school annual.

Jack C. Smith, our adviser, for his guidance and the use of his office for meetings.

R. B. Hopkins, public relations, for his permission and help in selecting photos of certain phases of shipyard activities from his files.

Miss Jane Dibble, for her ability to read our scribbling and then typing all of the literary material which appears in this volume.

B. J. Nixon, shipyard photographer, for all the pictures including the senior portraits.

William T. O'Connor, yearbook counsellor and representative of the Jahn & Ollier Engraving Company, for the creation of a complete dummy of our annual, and for his many visits to the Apprentice School to assist in the preparation of copy for both engraver and printer, and in the selection of our cover.

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